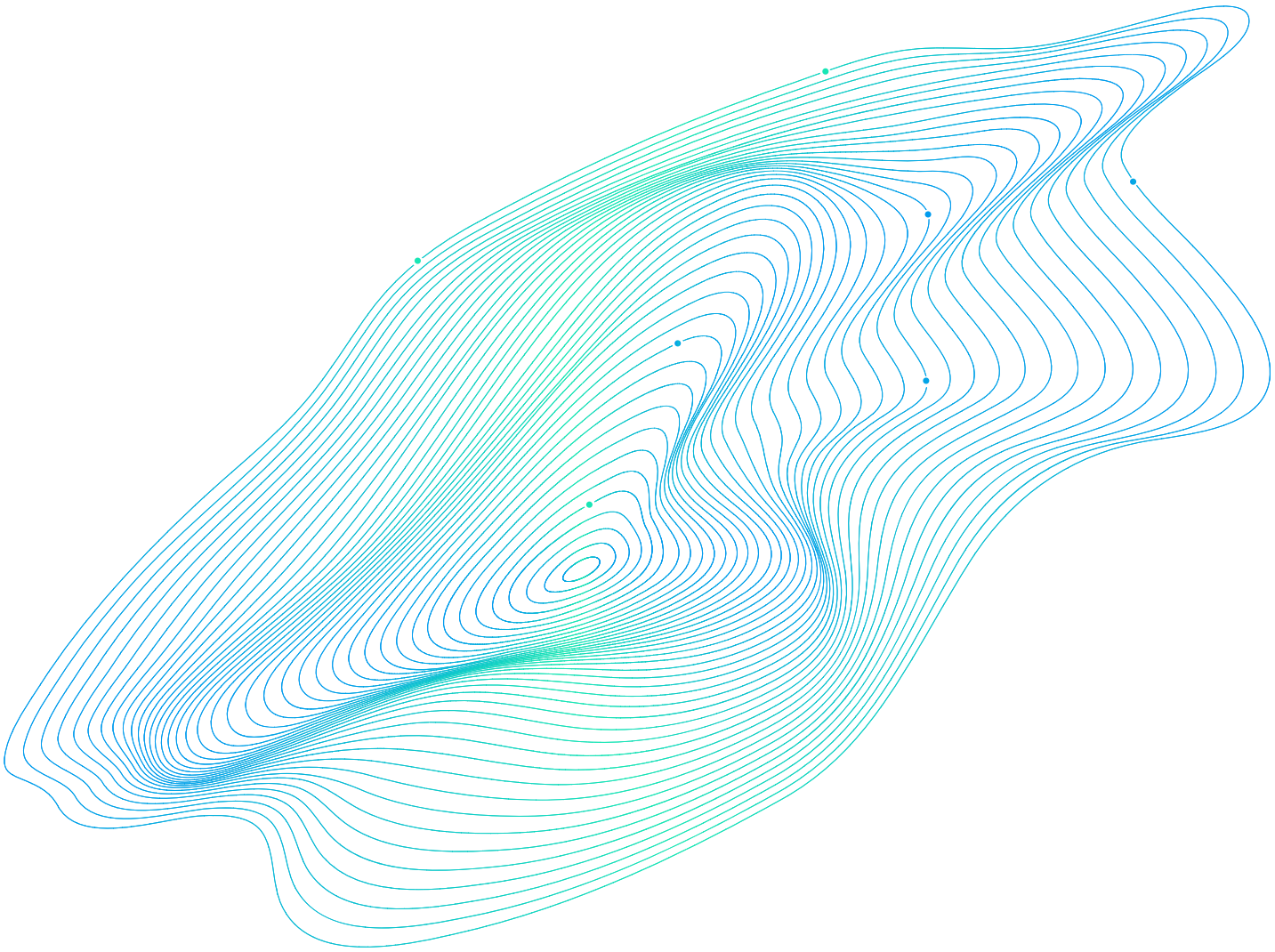
EPICURE
Unlocking European-level HPC Support

Press Release



Co-funded by the European Union

EuroHPC Joint Undertaking

This project has received funding from the European High Performance Computing Joint Undertaking under grant agreement No.101139786.
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European HPC Application Support Portal: Empowering Researchers Across EuroHPC Systems

EPICURE introduces the European HPC Application Support Portal, a strategic platform designed to support European researchers.

Designed and developed under the EPICURE project, the European HPC Application Support Portal is a central resource designed to enhance support for the European High-Performance Computing (HPC) community.

It offers a streamlined process for requesting EPICURE support services, making it easier than ever for researchers, innovators, and industry users to fully leverage EuroHPC's world-class infrastructure.

Moreover, the platform offers best practices and guidelines for the efficient optimisation of applications on EuroHPC JU supercomputers, as well as a large archive of training materials directly related to lessons learned from using the JU supercomputers.

"The Application Support Portal aims to give easy access to the European-Level HPC support, drawing on the experience and expertise of the EPICURE collaboration and community. The portal provides a single point of contact allowing European HPC users to retrieve information on the systems offered by the EuroHPC JU, their architectures, access mechanisms, and the support services available", says Janne Ignatius, EPICURE coordinator.

The initial version of the portal will be officially unveiled during the EuroHPC JU User Days 2025, taking place between 30 September and 1 October 2025 in Copenhagen, Denmark, marking a significant milestone in EPICURE's mission to strengthen user engagement and technical support.

"By centralising information, providing streamlined support, and offering practical guidance, EPICURE's newly launched platform enables researchers, innovators, and industry users to better leverage EuroHPC systems. It demonstrates EPICURE's commitment to supporting users and helping advance Europe's leadership in HPC", says Anders Jensen, from EuroHPC JU.

Key features of the portal

- Guidance on EuroHPC JU systems' access mechanisms to help users navigate application and allocation procedures;
- Direct support request process through a simplified, user-friendly application form;
- The technical knowledge base complements the EPICURE website's outreach content with hands-on, practical resources for HPC users;
- Access to training materials, including tutorials, user guides, and best practices, to help both new and advanced users maximise the potential of EuroHPC resources.

Benefits for users

The portal is designed to support a broad spectrum of users. By lowering barriers and simplifying the support process, the portal directly contributes to Europe's ambition of becoming a global leader in supercomputing.

Beyond the launched version, EPICURE will continue to enrich the portal's knowledge base and training resources.

For more information, please visit: https://eurohpcsupport.eu/

About EPICURE

The EPICURE project, funded by the EuroHPC JU under Grant Agreement No. 101139786, brings together 16 partners from 14 countries. Its mission is to establish a four-year operation of a distributed European-wide HPC application support service, bringing together Application Support Teams (ASTs) set up in all current and future EuroHPC Hosting Entities, operating its supercomputers.

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About the EuroHPC JU

The EuroHPC JU is a legal and funding entity that brings together the European Union and participating countries to coordinate efforts and pool resources with the objective of making Europe a world leader in supercomputing.

To equip Europe with a cutting-edge supercomputing infrastructure, the EuroHPC JU has already procured 11 supercomputers, distributed across Europe. Three of these EuroHPC supercomputers are now ranked among the world's top 10 most powerful supercomputers: JUPITER in Germany ranks at 4, becoming Europe's new fastest supercomputer along with LUMI in Finland (9th place), Leonardo in Italy (10th place).

European scientists and users from the public sector and industry can benefit from EuroHPC supercomputers via the EuroHPC Access Calls no matter where in Europe they are located, to advance science and support the development of a wide range of applications with industrial, scientific and societal relevance for Europe.

The EuroHPC JU is also deploying a European Quantum Computing infrastructure, integrating diverse European quantum computing technologies with supercomputers. EuroHPC JU already inaugurated PIAST-Q in Poznań, Poland and VLQ in Ostrava, Czechia, marking a milestone in Europe's leap into the quantum era.

Currently, the EuroHPC JU is also overseeing the implementation of 13 AI factories across Europe that offer free, customised support to SMEs and startups.

The EuroHPC JU also funds research and innovation projects to develop a full European supercomputing supply chain, including EPICURE.